

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:sssptal656sxc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Sep 29 The Philippines Inventory of Chemicals and Chemical
Substances (PICCS) has been added to CHEMLIST
NEWS 3 Oct 27 New Extraction Code PAX now available in Derwent
Files
NEWS 4 Oct 27 SET ABBREVIATIONS and SET PLURALS extended in
Derwent World Patents Index files
NEWS 5 Oct 27 Patent Assignee Code Dictionary now available
in Derwent Patent Files
NEWS 6 Oct 27 Plasdoc Key Serials Dictionary and Echoing added to
Derwent Subscriber Files WPIDS and WPIX
NEWS 7 Nov 29 Derwent announces further increase in updates for DWPI
NEWS 8 Dec 5 French Multi-Disciplinary Database PASCAL Now on STN
NEWS 9 Dec 5 Trademarks on STN - New DEMAS and EUMAS Files
NEWS 10 Dec 15 2001 STN Pricing
NEWS 11 Dec 17 Merged CEABA-VTB for chemical engineering and
biotechnology
NEWS 12 Dec 17 Corrosion Abstracts on STN
NEWS 13 Dec 17 SYNTHLINE from Prous Science now available on STN
NEWS 14 Dec 17 The CA Lexicon available in the CAPLUS and CA files
NEWS 15 Jan 05 AIDSLINE is being removed from STN
NEWS 16 Feb 06 Engineering Information Encompass files have new names
NEWS 17 Feb 16 TOXLINE no longer being updated

NEWS EXPRESS FREE UPGRADE 5.0e FOR STN EXPRESS 5.0 WITH DISCOVER!
(WINDOWS) NOW AVAILABLE

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:52:34 ON 13 MAR 2001

=> s catalytic

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND
command can only be used to look at the index in a file which has an
index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of

commands which can be used in this file.

=> file biosis embase medline lifesci biocommerce

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'BIOSIS' ENTERED AT 13:53:12 ON 13 MAR 2001
COPYRIGHT (C) 2001 BIOSIS(R)

FILE 'EMBASE' ENTERED AT 13:53:12 ON 13 MAR 2001
COPYRIGHT (C) 2001 Elsevier Science B.V. All rights reserved.

FILE 'MEDLINE' ENTERED AT 13:53:12 ON 13 MAR 2001

FILE 'LIFESCI' ENTERED AT 13:53:12 ON 13 MAR 2001
COPYRIGHT (C) 2001 Cambridge Scientific Abstracts (CSA)

FILE 'BIOCOMMERCE' ENTERED AT 13:53:12 ON 13 MAR 2001
COPYRIGHT (C) 2001 BioCommerce Data Ltd. Richmond Surrey, United Kingdom. All rights reserved

=> s catalytic

L1 153050 CATALYTIC

=> s hybridization

L2 339593 HYBRIDIZATION

=> s l1 and l2

L3 2447 L1 AND L2

=> s nucleobase sequence

L4 1 NUCLEOBASE SEQUENCE

=> d l4

L4 ANSWER 1 OF 1 LIFESCI COPYRIGHT 2001 CSA
AN 97:25650 LIFESCI
TI Induced chirality in PNA-PNA duplexes
AU Wittung, P.; Eriksson, M.; Lyng, R.; Nielsen, P.E.; Norden, B.*
CS Dep. Phys. Chem., Chalmers Univ. Technol., S-41296 Gothenburg, Sweden
SO J. AM. CHEM. SOC., (1995) vol. 117, no. 41, pp. 10167-10173.
ISSN: 0002-7863.
DT Journal
FS N
LA English
SL English

=> s scissile (w) linkage (w) sequence

L5 0 SCISSILE (W) LINKAGE (W) SEQUENCE

=> s sequence

L6 1317843 SEQUENCE

=> s scissile

L7 1932 SCISSILE

=> s 16 and 17

L8 813 L6 AND L7

=> s 13 and 18

L9 0 L3 AND L8

=> s nucleobase (w) sequence

L10 1 NUCLEOBASE (W) SEQUENCE

=> s 18 and 110

L11 0 L8 AND L10

=> s multiplex

L12 11153 MULTIPLEX

=> s structure

L13 1357763 STRUCTURE

=> s 112 and 113

L14 218 L12 AND L13

=> s 13 and 114

L15 3 L3 AND L14

=> d 115 1-3

L15 ANSWER 1 OF 3 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

AN 1999164839 EMBASE

TI Target site selection for an RNA-cleaving **catalytic** DNA.

AU Cairns M.J.; Hopkins T.M.; Witherington C.; Wang L.; Sun L.-O.

CS L.-O. Sun, Johnson/Johnson Res. Laboratories, GPO Box 3331, Sydney, NSW
2001, Australia. sun@angis.su.oz.au

SO Nature Biotechnology, (1999) 17/5 (480-486).

Refs: 20

ISSN: 1087-0156 CODEN: NABIF

CY United States

DT Journal; Article

FS 004 Microbiology

LA English

SL English

L15 ANSWER 2 OF 3 MEDLINE

AN 1999260652 MEDLINE

DN 99260652

TI Target site selection for an RNA-cleaving **catalytic** DNA [see

comments].
 CM Comment in: Nat Biotechnol 1999 May;17(5):422-3
 AU Cairns M J; Hopkins T M; Witherington C; Wang L; Sun L Q
 CS Johnson and Johnson Research Laboratories, Sydney, Australia.
 SO NATURE BIOTECHNOLOGY, (1999 May) 17 (5) 480-6.
 Journal code: CQ3. ISSN: 1087-0156.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199911

L15 ANSWER 3 OF 3 LIFESCI COPYRIGHT 2001 CSA
 AN 1999:65835 LIFESCI
 TI Target site selection for an RNA-cleaving **catalytic** DNA
 AU Cairns, M.J.; Hopkins, T.M.; Witherington, C.; Wang, Li; Sun, Lun-Quan*
 CS Johnson and Johnson Research Laboratories, GPO Box 3331, Sydney 2001,
 Australia; E-mail: sun@angis.su.oz.au
 SO Nature Biotechnology [Nat. Biotechnol.], (19990500) vol. 17, no. 5, pp.
 480-486.
 ISSN: 1087-0156.
 DT Journal
 FS W3; N
 LA English
 SL English

=> s quadruplex

L16 728 QUADRUPLEX

=> s 13 and 116

L17 0 L3 AND L16

=> s triplex

L18 4016 TRIPLEX

=> s 13 and 118

L19 2 L3 AND L18

=> d 119 1-2

L19 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2001 BIOSIS
 AN 1995:220762 BIOSIS
 DN PREV199598235062
 TI Antigene, ribozyme and aptamer nucleic acid drugs: Progress and
 prospects.
 AU Stull, Robert A.; Szoka, Francis C., Jr. (1)
 CS (1) Dep. Pharm. Chem., Univ. Calif., San Francisco, CA 94143-0446 USA
 SO Pharmaceutical Research (New York), (1995) Vol. 12, No. 4, pp. 465-483.
 ISSN: 0724-8741.
 DT General Review
 LA English

L19 ANSWER 2 OF 2 MEDLINE
 AN 95320098 MEDLINE
 DN 95320098

TI Antigene, ribozyme and aptamer nucleic acid drugs: progress and prospects.

AU Stull R A; Szoka F C Jr

CS Department of Pharmacy, University of California, San Francisco
94143-0446, USA..

NC GM 30156 (NIGMS)

GM 26691 (NIGMS)

SO PHARMACEUTICAL RESEARCH, (1995 Apr) 12 (4) 465-83. Ref: 230

Journal code: PHS. ISSN: 0724-8741.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)

(REVIEW, ACADEMIC)

LA English

FS Priority Journals

EM 199510

=> s l3 and G-G quartets

L20 0 L3 AND G-G QUARTETS

=> s duplex

L21 40304 DUPLEX

=> s l3 and l21

L22 19 L3 AND L21

=> dup rem l22

DUPLICATE IS NOT AVAILABLE IN 'BIOCOMMERCE'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L22

L23 9 DUP REM L22 (10 DUPLICATES REMOVED)

=> d l23 1-9

L23 ANSWER 1 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

AN 2000169629 EMBASE

TI Interaction of p55 reverse transcriptase from the *Saccharomyces cerevisiae*

retrotransposon Ty3 with conformationally distinct nucleic acid
duplexes.

AU Rausch J.W.; Bona-le Grice M.K.; Henrietta M.; Nymark-McMahon; Miller
J.T.; Le Grice S.F.J.

CS S.F.J. Le Grice, HIV Drug Resistance Program, Div. of Basic Sciences,
NCI-FCRDC, Frederick, MD 21702, United States. slegrice@mail.ncifcrf.gov

SO Journal of Biological Chemistry, (5 May 2000) 275/18 (13879-13887).

Refs: 55

ISSN: 0021-9258 CODEN: JBCHA3

CY United States

DT Journal; Article

FS 004 Microbiology

LA English

SL English

L23 ANSWER 2 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 1

AN 2001:768 BIOSIS

DN PREV200100000768
TI Raman spectroscopy of uracil DNA glycosylase-DNA complexes: Insights into DNA damage recognition and catalysis.
AU Dong, Jian; Drohat, Alexander C.; Stivers, James T.; Pankiewicz, Krysztof W.; Carey, Paul R. (1)
CS (1) Department of Biochemistry, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, OH, 44106-4935: carey@biochemistry.cwru.edu USA
SO Biochemistry, (October 31, 2000) Vol. 39, No. 43, pp. 13241-13250.
print.
ISSN: 0006-2960.
DT Article
LA English
SL English

L23 ANSWER 3 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 2
AN 2000:191037 BIOSIS
DN PREV200000191037
TI An approach to gene-specific transcription inhibition using oligonucleotides complementary to the template strand of the open complex.
AU Milne, Lisa; Xu, Yue; Perrin, David M.; Sigman, David S. (1)
CS (1) Molecular Biology Institute, University of California, Los Angeles, CA, 90095-1570 USA
SO Proceedings of the National Academy of Sciences of the United States of America, (March 28, 2000) Vol. 97, No. 7, pp. 3136-3141.
ISSN: 0027-8424.
DT Article
LA English
SL English

L23 ANSWER 4 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 3
AN 2000:92533 BIOSIS
DN PREV200000092533
TI Thermodynamics of RNA-RNA duplexes with 2- or 4-thiouridines: Implications for antisense design and targeting a group I intron.
AU Testa, Stephen M.; Disney, Matthew D.; Turner, Douglas H. (1); Kierzek, Ryszard
CS (1) Department of Chemistry, University of Rochester, Rochester, NY, 14627-0216 USA
SO ~~Biochemistry~~, (Dec. 14, 1999) Vol. 38, No. 50, pp. 16655-16662.
ISSN: 0006-2960.
DT Article
LA English
SL English

L23 ANSWER 5 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
AN 2000014198 EMBASE
TI A complex ligase ribozyme evolved in vitro from a group I ribozyme domain.
AU Jaeger L.; Wright M.C.; Joyce G.F.
CS G.F. Joyce, Dept. of Molecular Biology, MB-4B, Scripps Research Institute,
10550 North Torrey Pines Road, San Diego, CA 92037, United States.
gjoyce@scripps.edu
SO Proceedings of the National Academy of Sciences of the United States of America, (21 Dec 1999) 96/26 (14712-14717).
Refs: 36
ISSN: 0027-8424 CODEN: PNASA6
CY United States

DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English

L23 ANSWER 6 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
AN 1999220633 EMBASE
TI An RNA switch at the 5' splice site requires ATP and the DEAD box protein Prp28p.
AU Staley J.P.; Guthrie C.
CS C. Guthrie, Dept. of Biochemistry and Biophysics, University of California, San Francisco, CA 94143, United States.
guthrie@socrates.ucsf.edu
SO Molecular Cell, (1999) 3/1 (55-64).
Refs: 66
ISSN: 1097-2765 CODEN: MOCEFL
CY United States
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English

L23 ANSWER 7 OF 9 MEDLINE
AN 94173674 MEDLINE
DN 94173674
TI Can hammerhead ribozymes be efficient tools to inactivate gene function? [published erratum appears in Nucleic Acids Res 1994 Apr 11;22(7):1326].
AU Bertrand E; Pictet R; Grange T
CS Institut Jacques Monod du CNRS, Universite Paris 7, France.
SO NUCLEIC ACIDS RESEARCH, (1994 Feb 11) 22 (3) 293-300.
Journal code: O8L. ISSN: 0305-1048.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Cancer Journals; Priority Journals
EM 199406

L23 ANSWER 8 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 4
AN 1990:85601 BIOSIS
DN BA89:44952
TI FACILE INTERCONVERSION OF **DUPLEX** STRUCTURES FORMED BY COPOLYMERS OF D-CG.
AU ROKITA S E; ROMERO-FREDES L
CS DEP. CHEM., STATE UNIV. NEW YORK AT STONY BROOK, STONY BROOK, NEW YORK 11794.
SO BIOCHEMISTRY, (1989) 28 (25), 9674-9679.
CODEN: BICHAW. ISSN: 0006-2960.
FS BA; OLD
LA English

L23 ANSWER 9 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 5
AN 1987:379979 BIOSIS
DN BA84:66476
TI **HYBRIDIZATION** AND PARTIAL COMPLEMENTARY DNA SEQUENCE ANALYSES OF BOVINE LUNG ANGIOTENSIN I-CONVERTING ENZYME.
AU DELUCA-FLAHERTY C; SCHULLEK J R; WILSON I B; HARRIS R B
CS UNIV. OF COLORADO, DEP. OF CHEMISTRY AND BIOCHEMISTRY, BOULDER, CO 80309, USA.
SO INT J PEPT PROTEIN RES, (1987) 29 (6), 678-684.
CODEN: IJPPC3. ISSN: 0367-8377.
FS BA; OLD

LA English

=> d his

(FILE 'HOME' ENTERED AT 13:52:34 ON 13 MAR 2001)

FILE 'BIOSIS, EMBASE, MEDLINE, LIFESCI, BIOCOMMERCE' ENTERED AT 13:53:12
ON 13 MAR 2001

L1 153050 S CATALYTIC
L2 339593 S HYBRIDIZATION
L3 2447 S L1 AND L2
L4 1 S NUCLEOBASE SEQUENCE
L5 0 S SCISSILE (W) LINKAGE (W) SEQUENCE
L6 1317843 S SEQUENCE
L7 1932 S SCISSILE
L8 813 S L6 AND L7
L9 0 S L3 AND L8
L10 1 S NUCLEOBASE (W) SEQUENCE
L11 0 S L8 AND L10
L12 11153 S MULTIPLEX
L13 1357763 S STRUCTURE
L14 218 S L12 AND L13
L15 3 S L3 AND L14
L16 728 S QUADRUPLX
L17 0 S L3 AND L16
L18 4016 S TRIPLEX
L19 2 S L3 AND L18
L20 0 S L3 AND G-G QUARTETS
L21 40304 S DUPLEX
L22 19 S L3 AND L21
L23 9 DUP REM L22 (10 DUPLICATES REMOVED)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

31.11

31.26

STN INTERNATIONAL LOGOFF AT 14:02:25 ON 13 MAR 2001